

Title (en)
HEADLAMP FOR MOTOR VEHICLES

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Application
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Priority
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Abstract (en)
[origin: WO9007440A1] A headlamp for motor vehicles comprises an electrically driven adjusting device (5) for adjusting a reflector (2). The adjusting device (5) has an electric motor (7) and a step-down gear which are accommodated in a housing (12) arranged inside the headlamp housing (1). The step-down gear consists of a small worm wheel (8) and a large toothed wheel (9) with radial teeth. A rotational movement of the toothed wheel (9) is converted by a screw thread between the toothed wheel (9) and housing (12) to a movement of the toothed wheel (9) along an axis (6) which determines the direction of adjustment. The toothed wheel (9) is connected via a link element (18) to the reflector (2). The housing (12) is rotatably mounted in the headlamp housing (1). The reflector (2) can be set to its normal position from outside the headlamp housing by means of an adjusting element (26) which rotates the housing (12).

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